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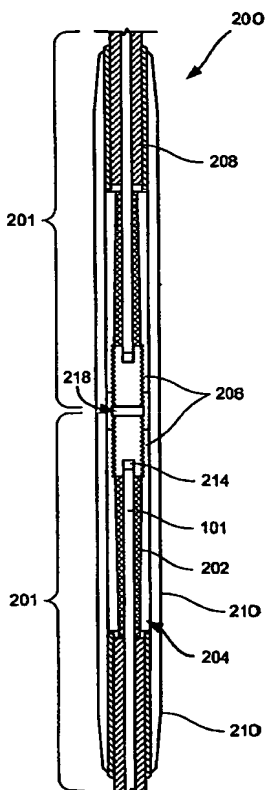
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(54) Title: A COLLET-TYPE SPLICE AND DEAD END FOR USE WITH AN ALUMINUM CONDUCTOR COMPOSITE CORE REINFORCED CABLE



(57) Abstract: This invention relates to collet-type fittings (201) for use in collet-type splices and collet-type dead ends and methods for splicing together two aluminum conductor composite core reinforced cables (ACCC) or terminating one ACCC cable. The collet-type fittings (201) comprise a collet (202) coincident with a collet housing (204) to hold the composite cores. The composite cores can be stripped of the aluminum conductor to provide a bond between the collet (202) and the composite core. After inserting the composite core into the collet (202), a compression element (206) compresses the collet (202). The collet (202) holds the composite core with frictional forces and the collet (202) further compresses and strengthens the hold on the composite core if the composite core pulls the collet (202) further into the collet housing (204).



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